

FIG. 1 (PRIOR ART)

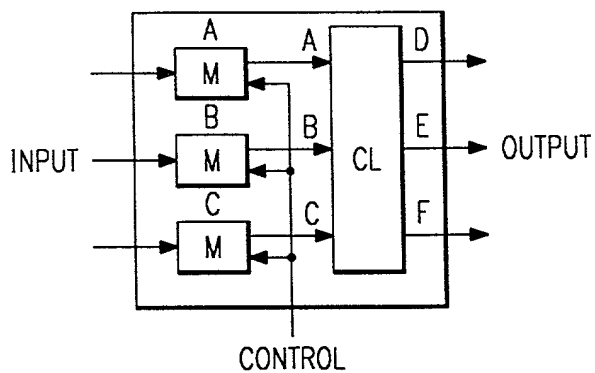


FIG. 2 (PRIOR ART)

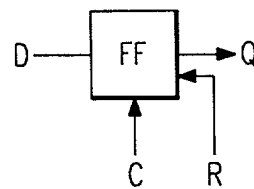


FIG. 3 (PRIOR ART)

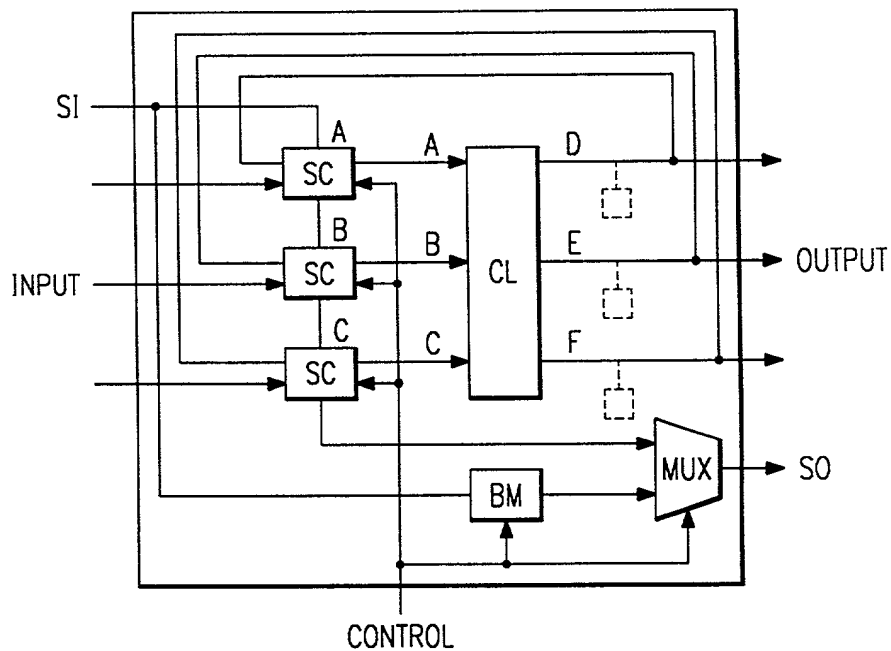


FIG. 4A (PRIOR ART)

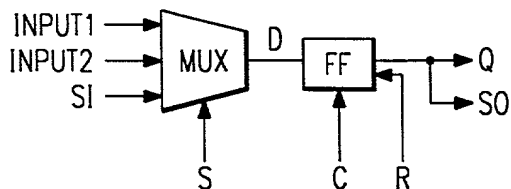


FIG. 4B (PRIOR ART)

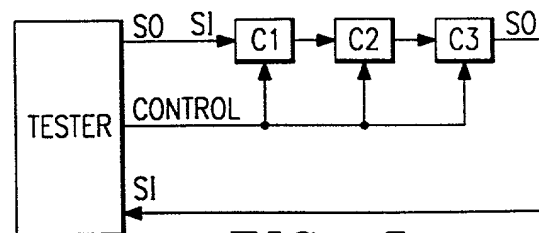
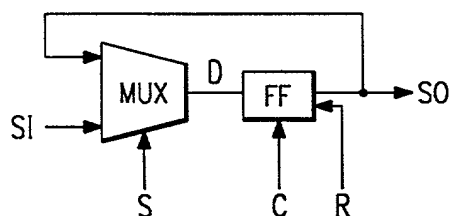


FIG. 5 (PRIOR ART)

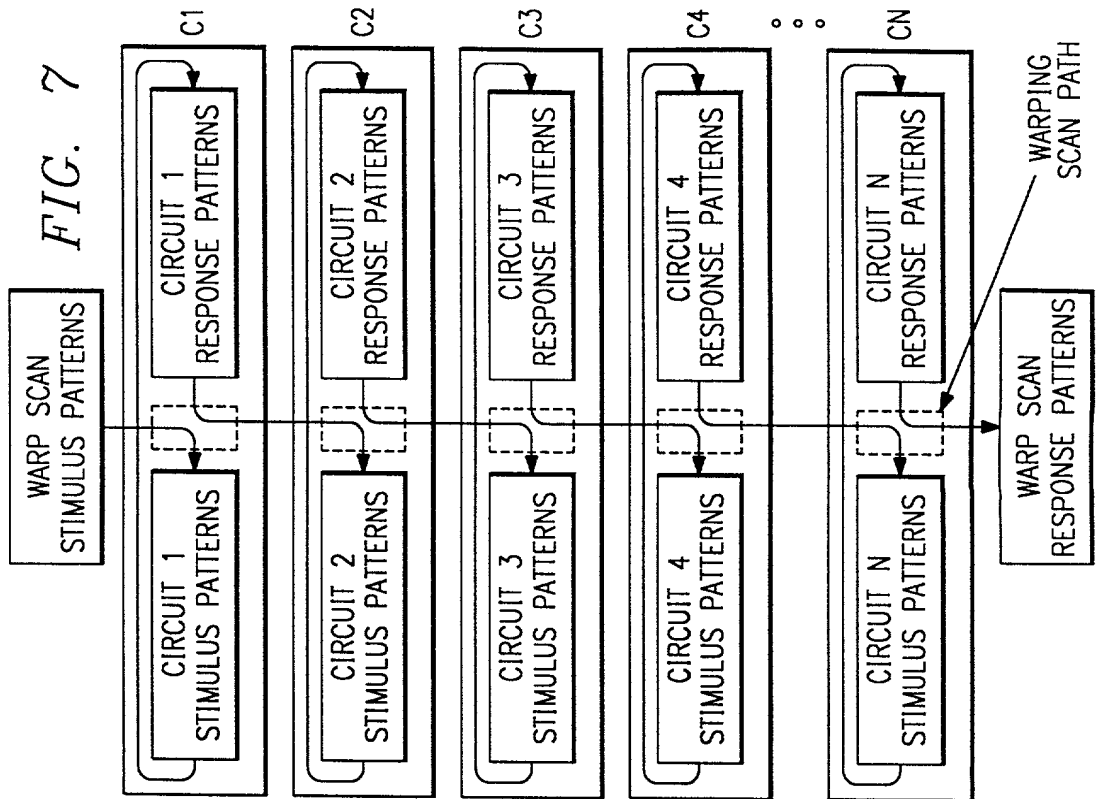
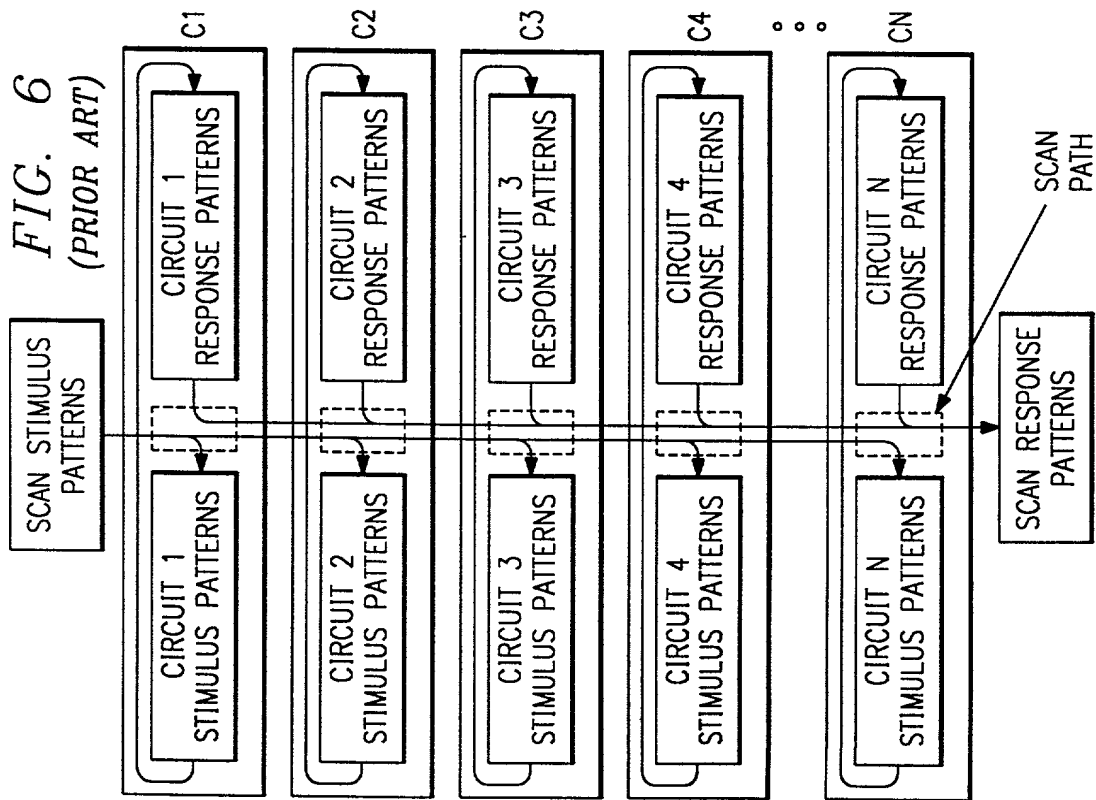


FIG. 8

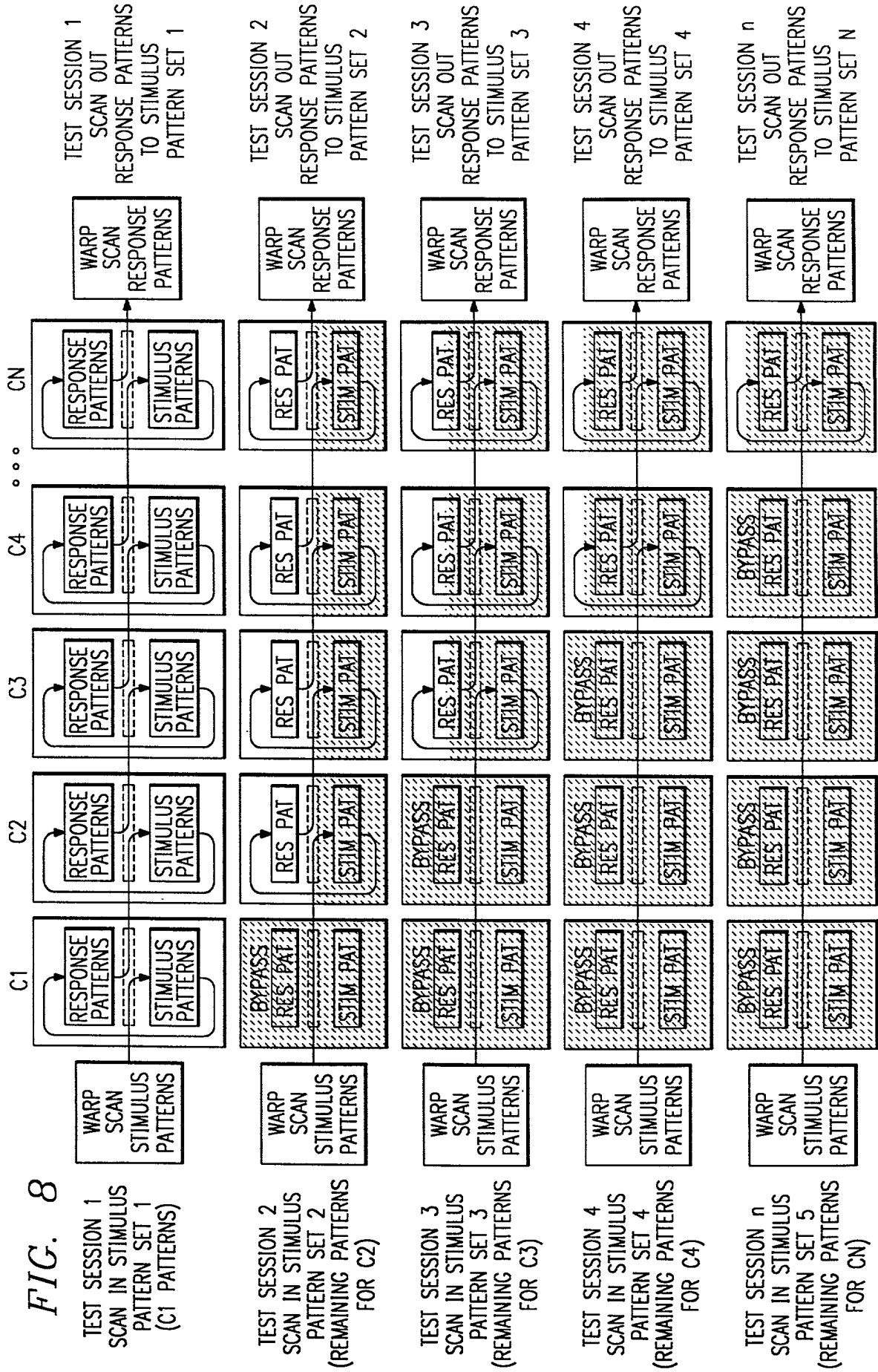


FIG. 9

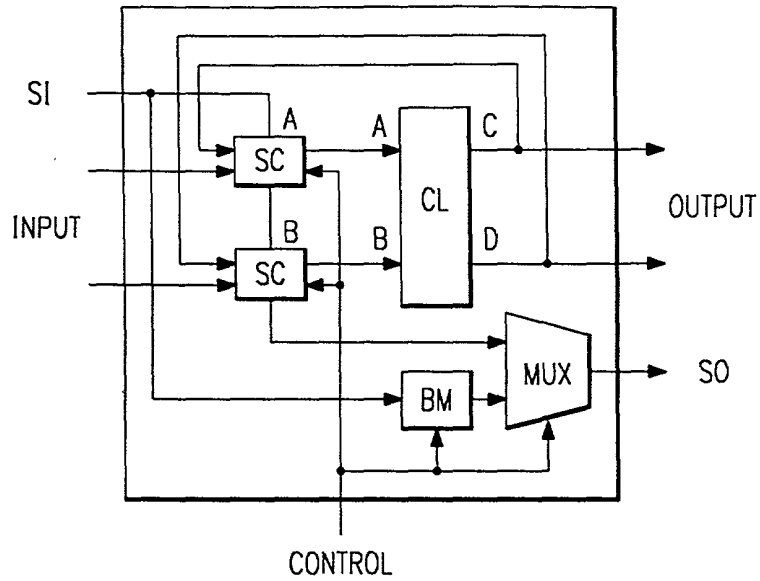


FIG. 10

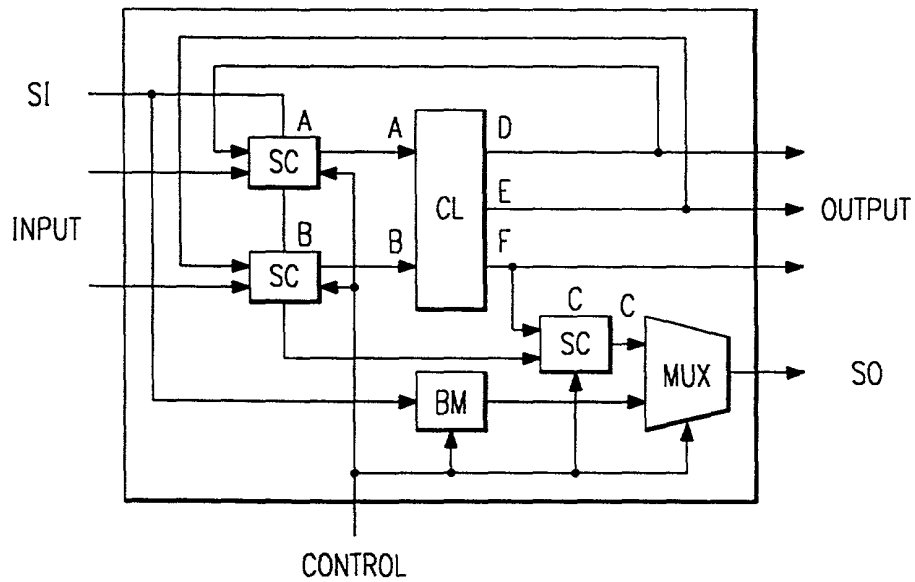


FIG. 11

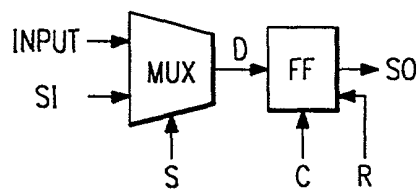


FIG. 12

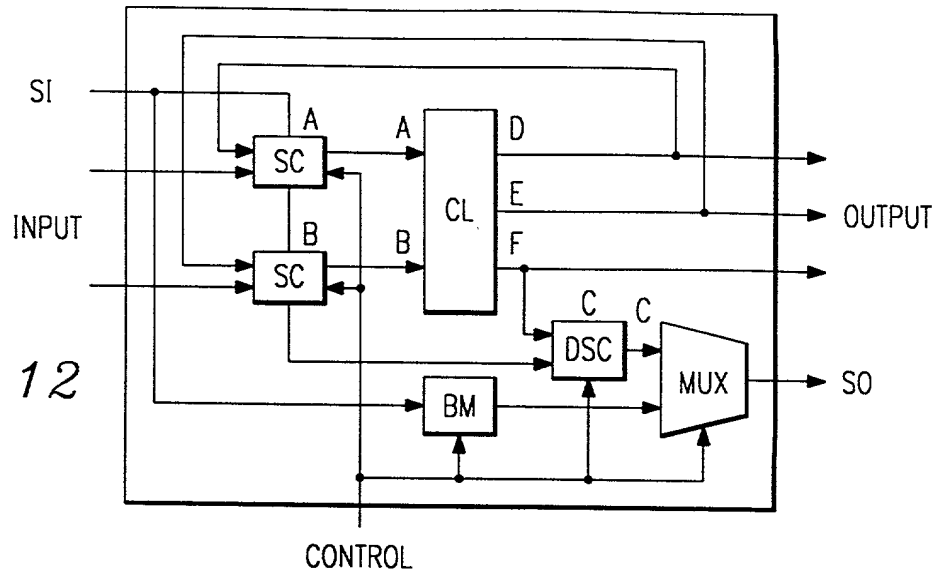


FIG. 13

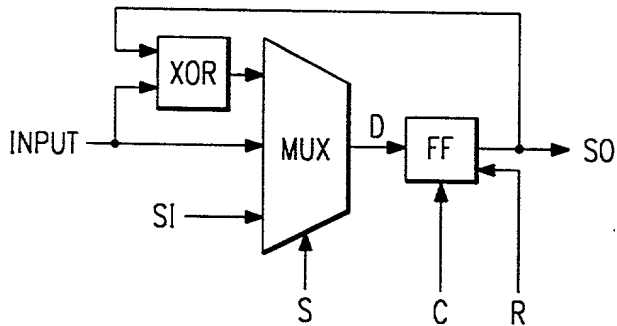


FIG. 15

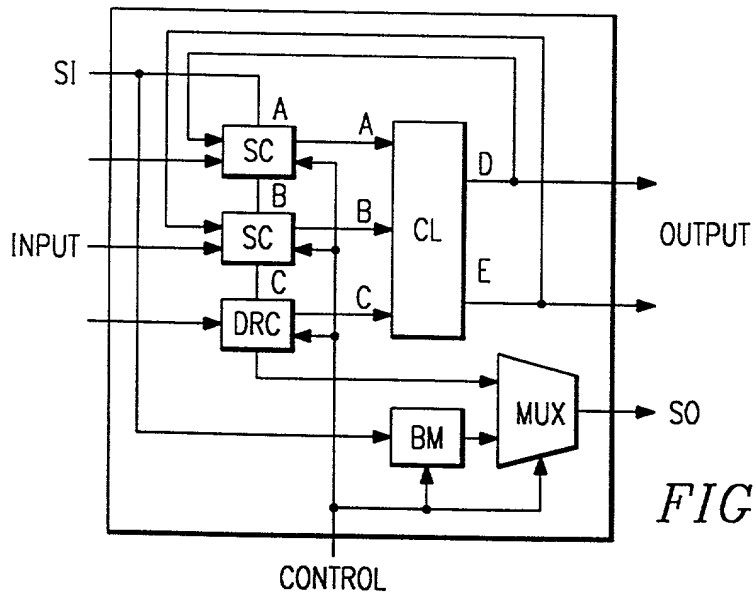
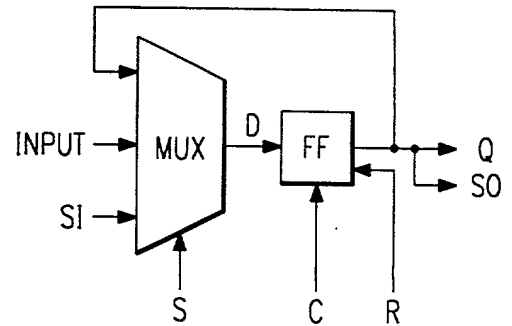


FIG. 14

FIG. 16

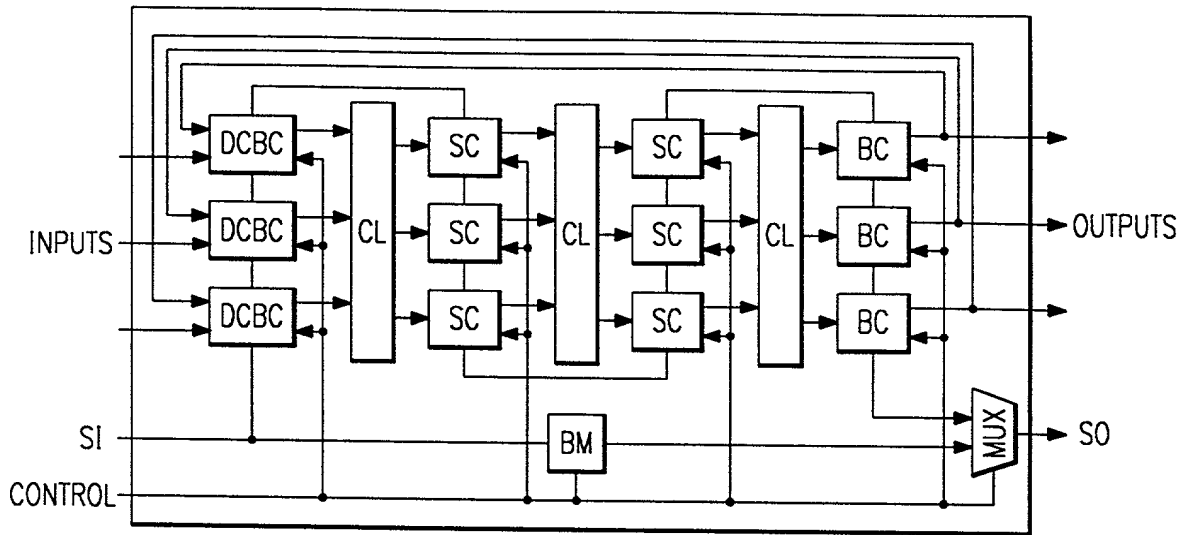


FIG. 17

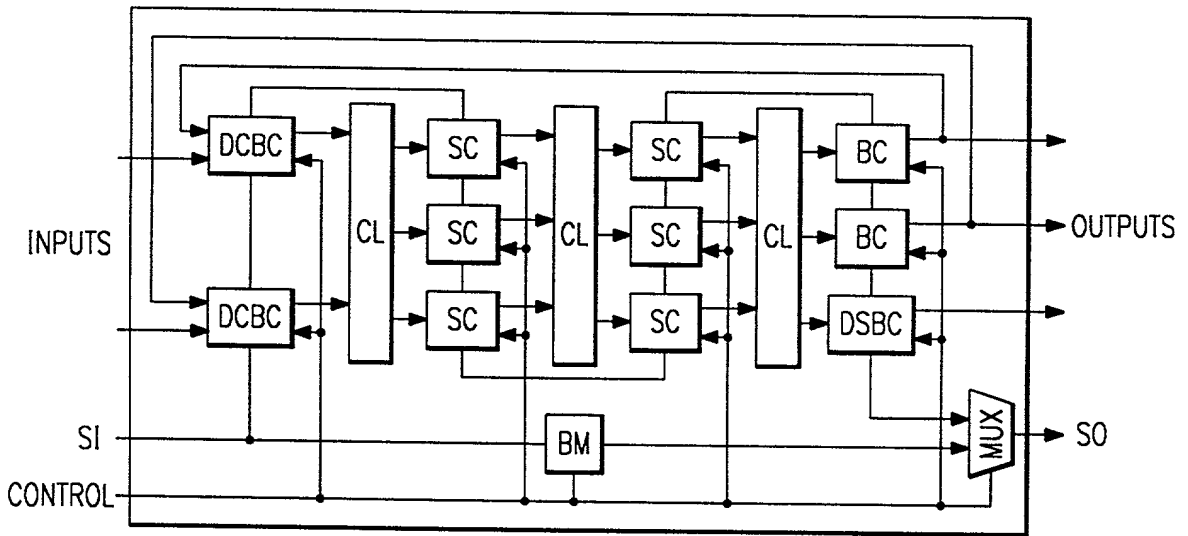


FIG. 18

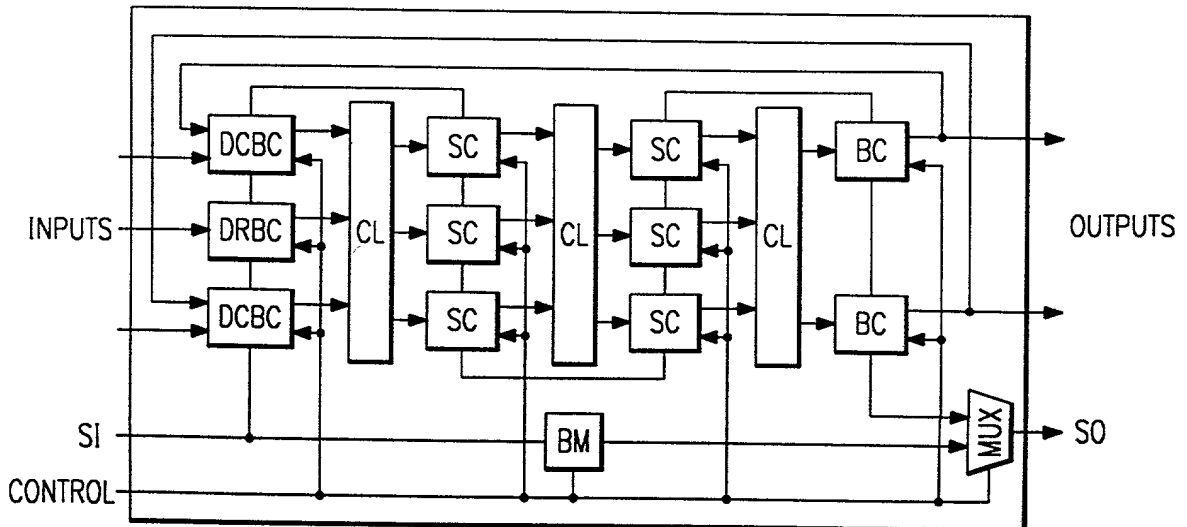


FIG. 19

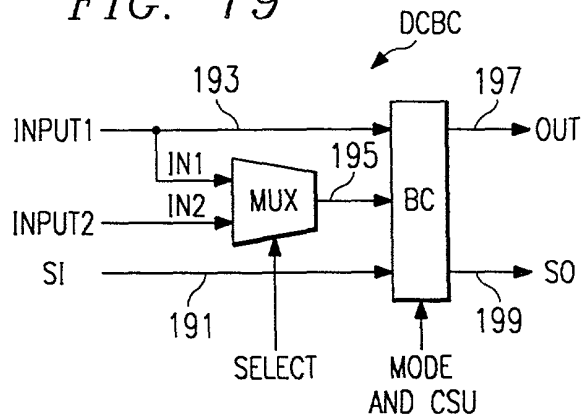


FIG. 20

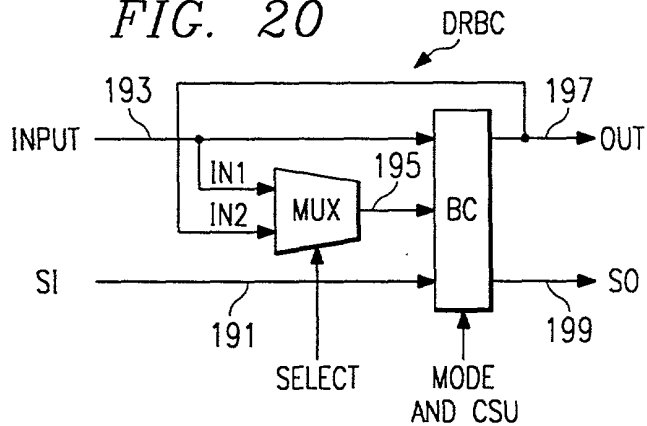
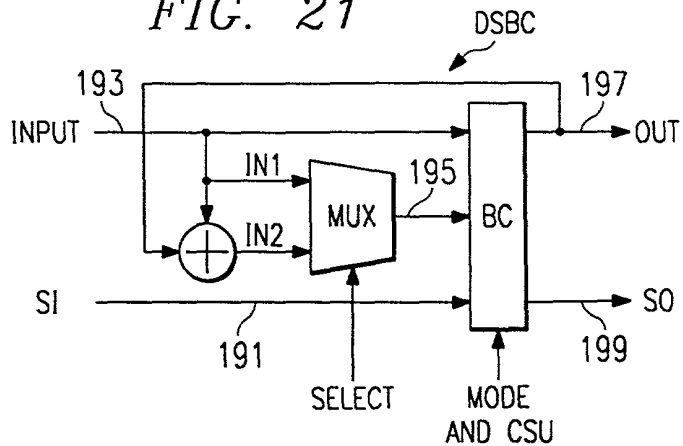


FIG. 21



SELECT = CONVENTIONAL OR WARP SCAN MODE
MODE = CONVENTIONAL BC NORMAL OR TEST MODE CONTROL
CSU = CONVENTIONAL BC CAPTURE, SHIFT, UPDATE CONTROL

FIG. 21A

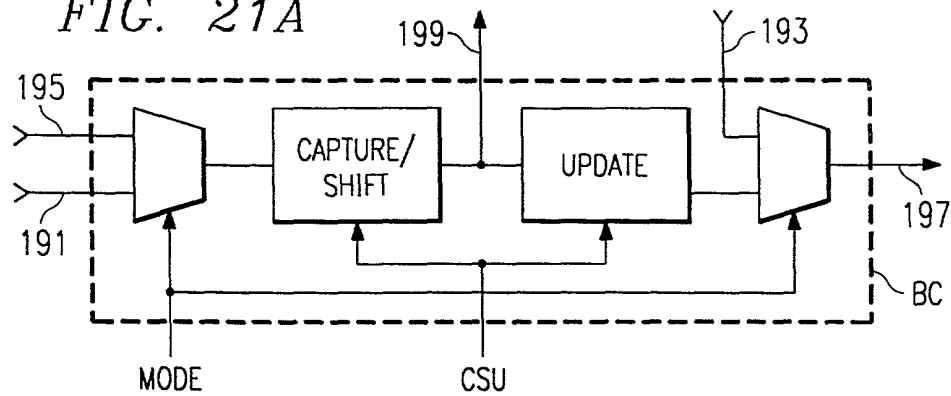


FIG. 22

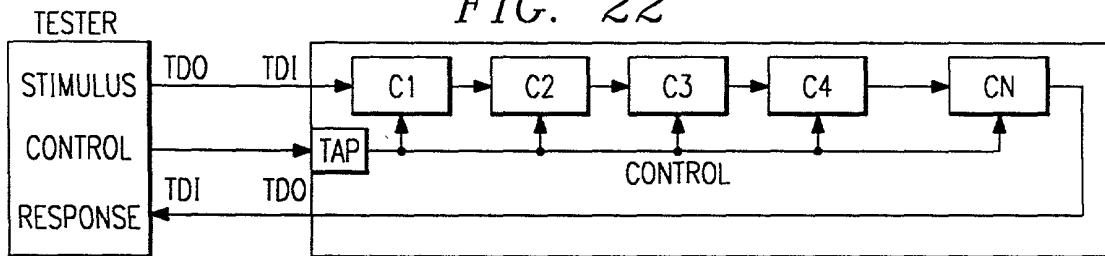


FIG. 23

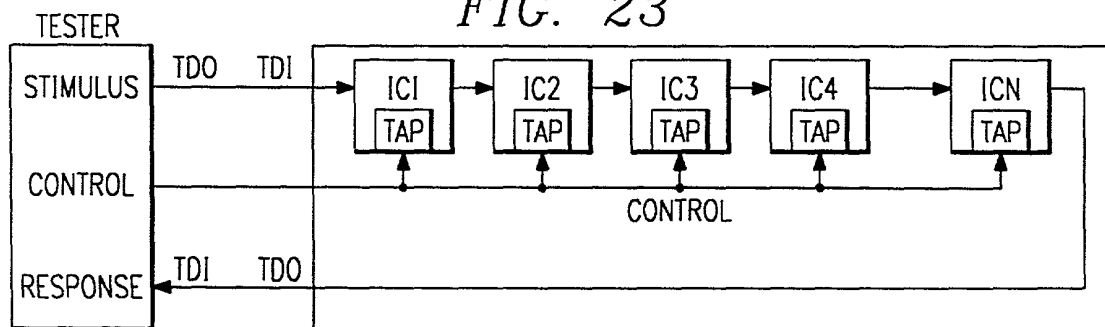


FIG. 24

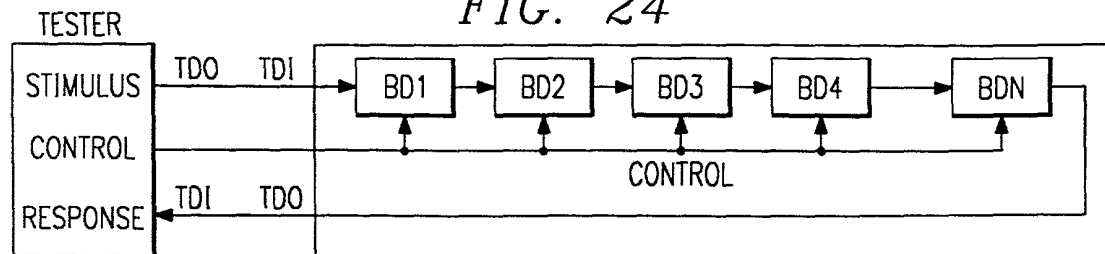


FIG. 25

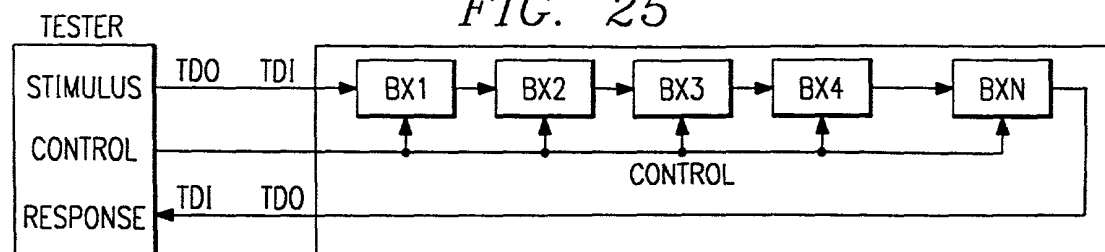


FIG. 26

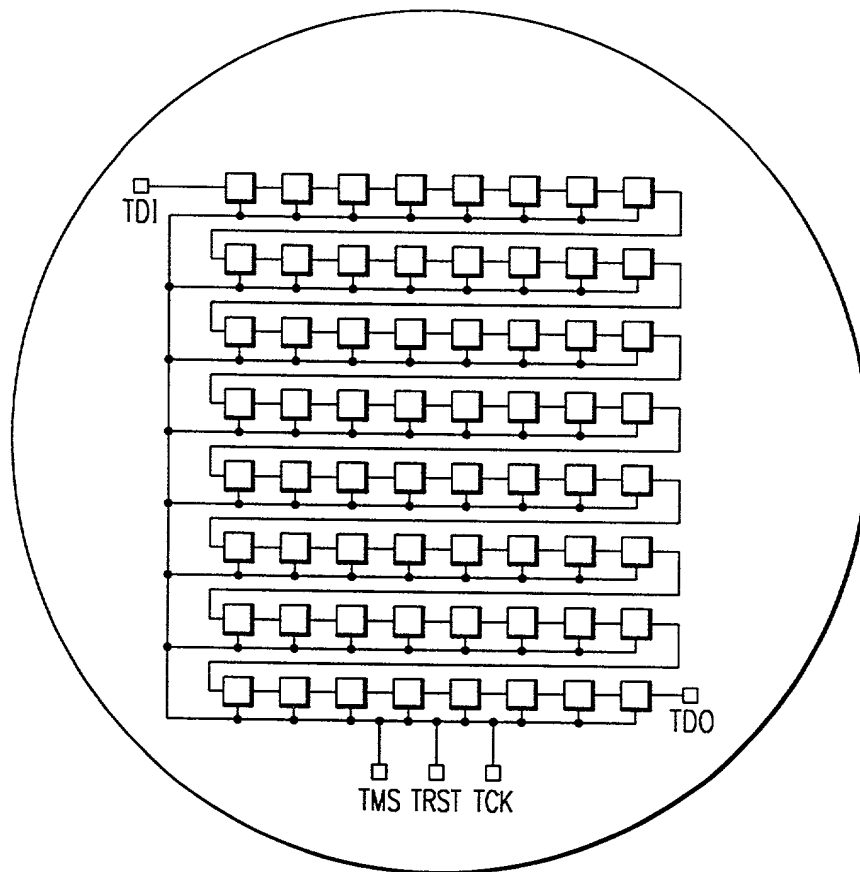


FIG. 27

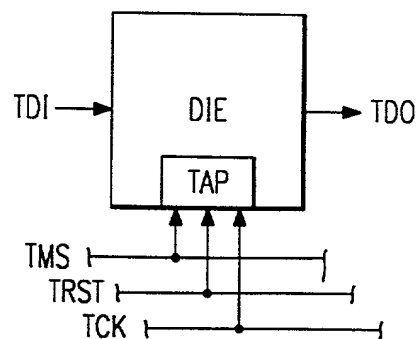


FIG. 28

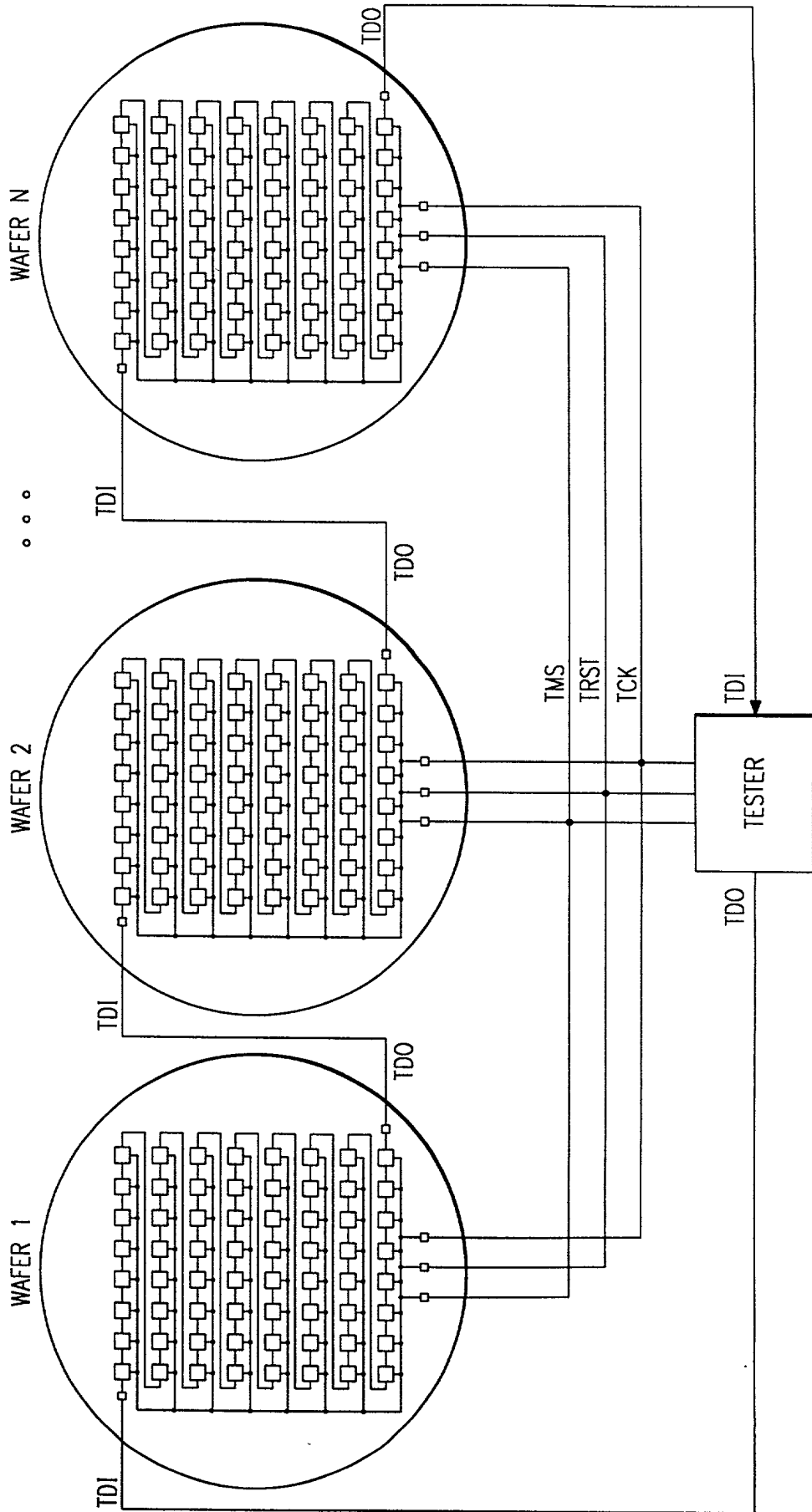


FIG. 29

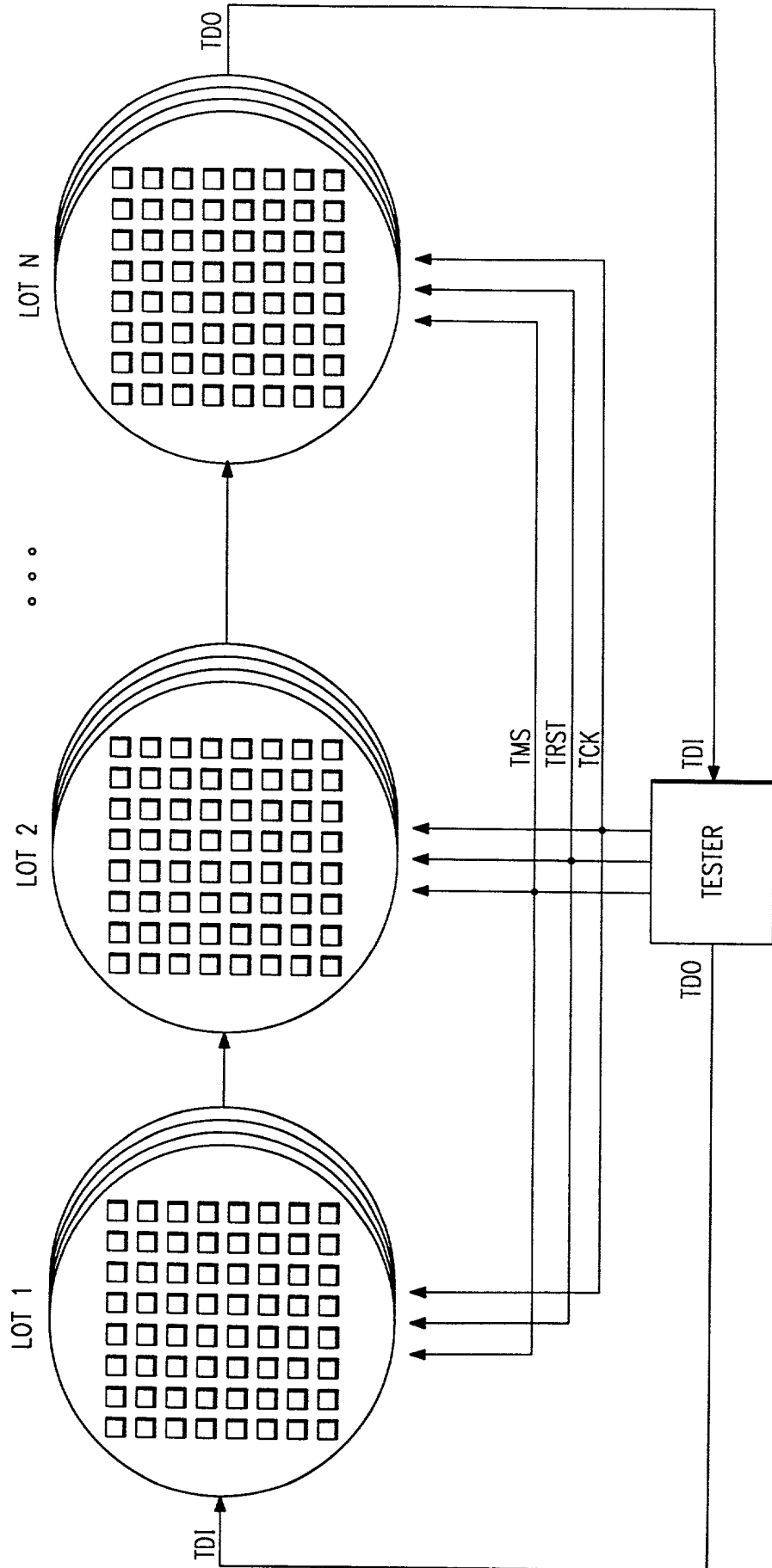


FIG. 30

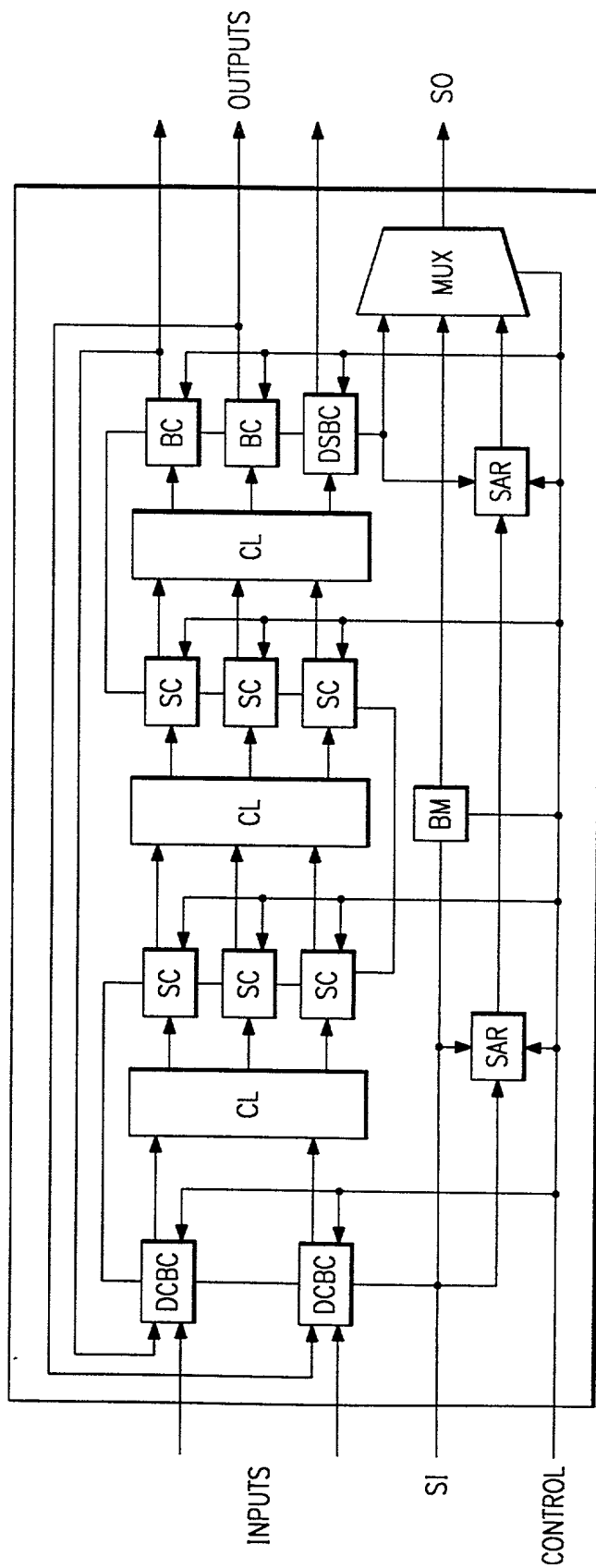


FIG. 31

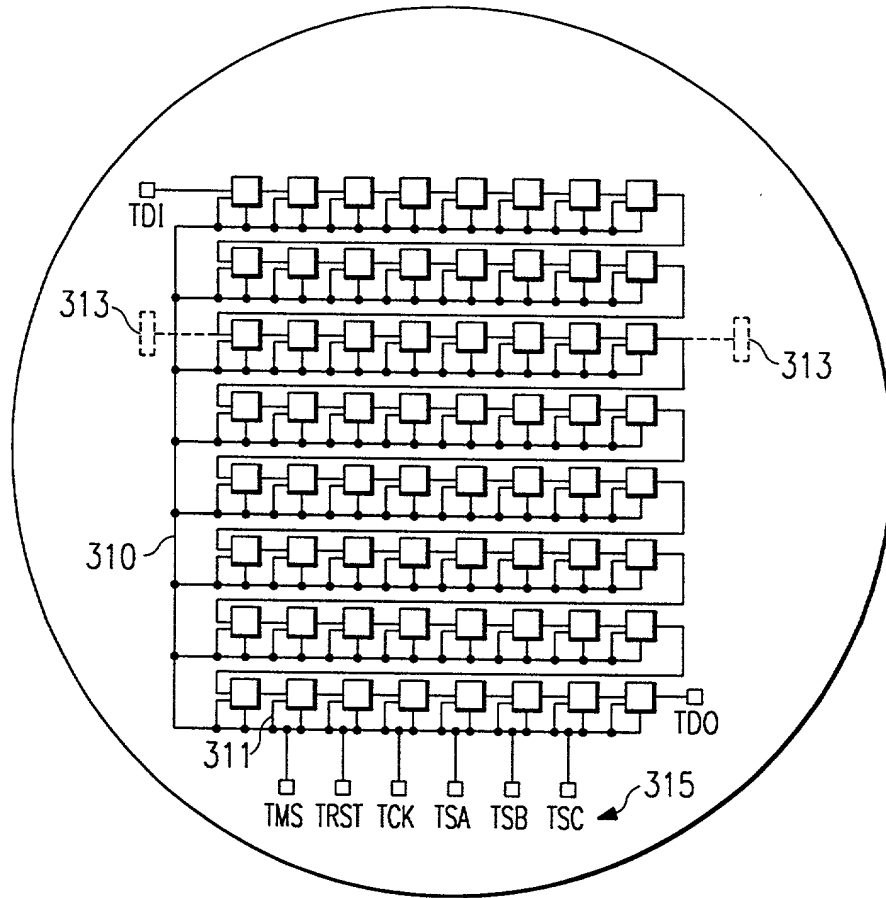


FIG. 32

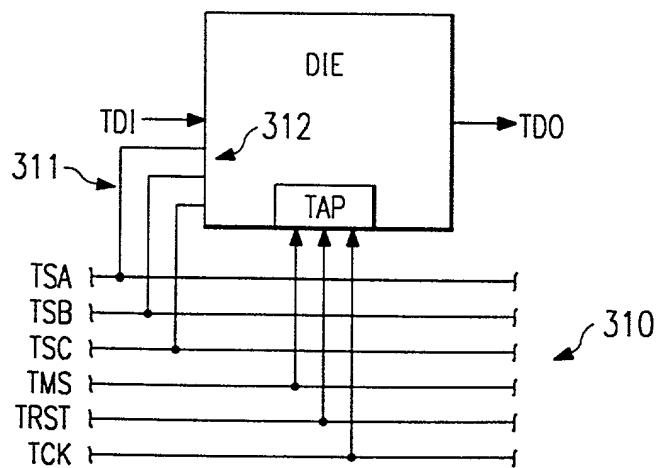


FIG. 33
(PRIOR ART)

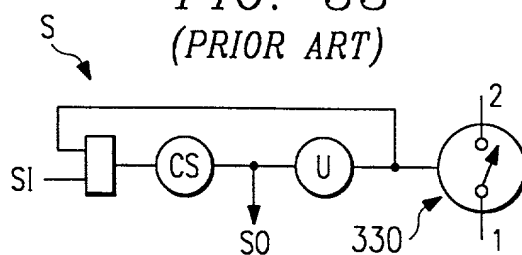


FIG. 34

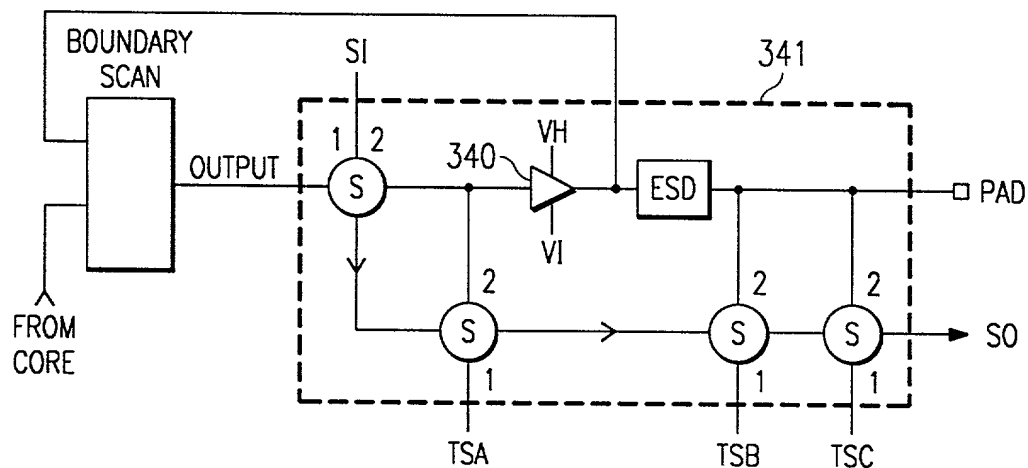


FIG. 35

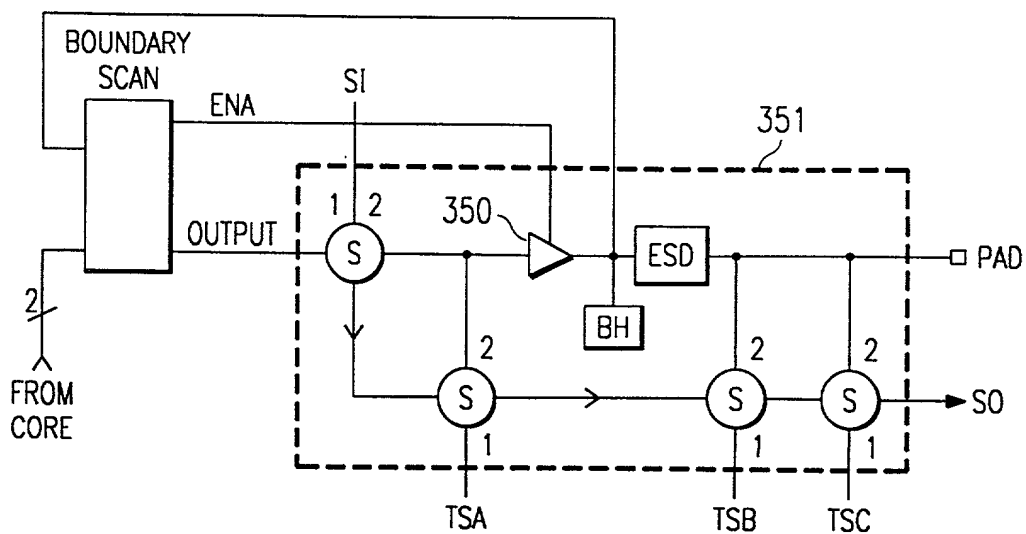


FIG. 36

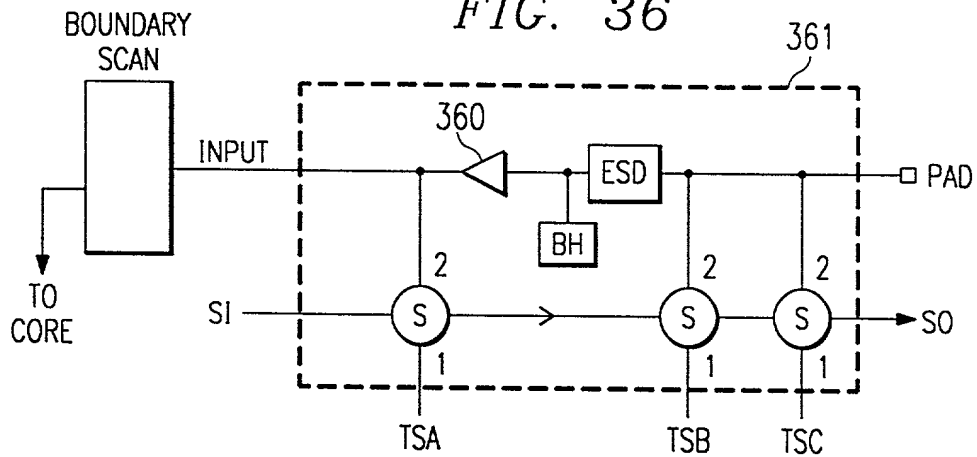


FIG. 37

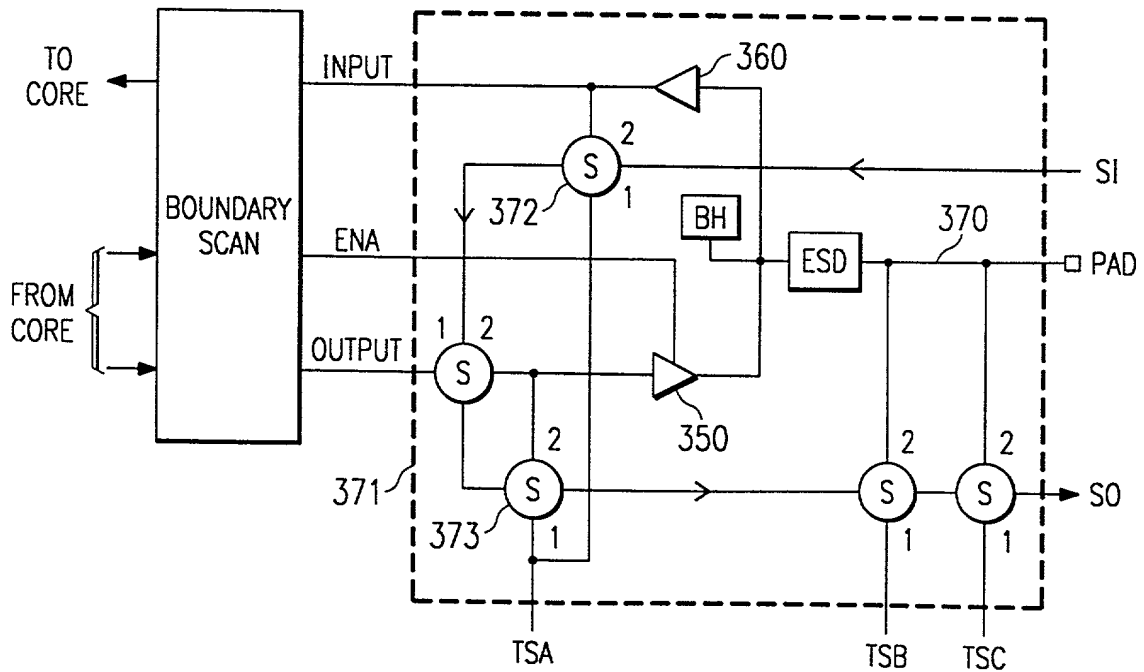


FIG. 38

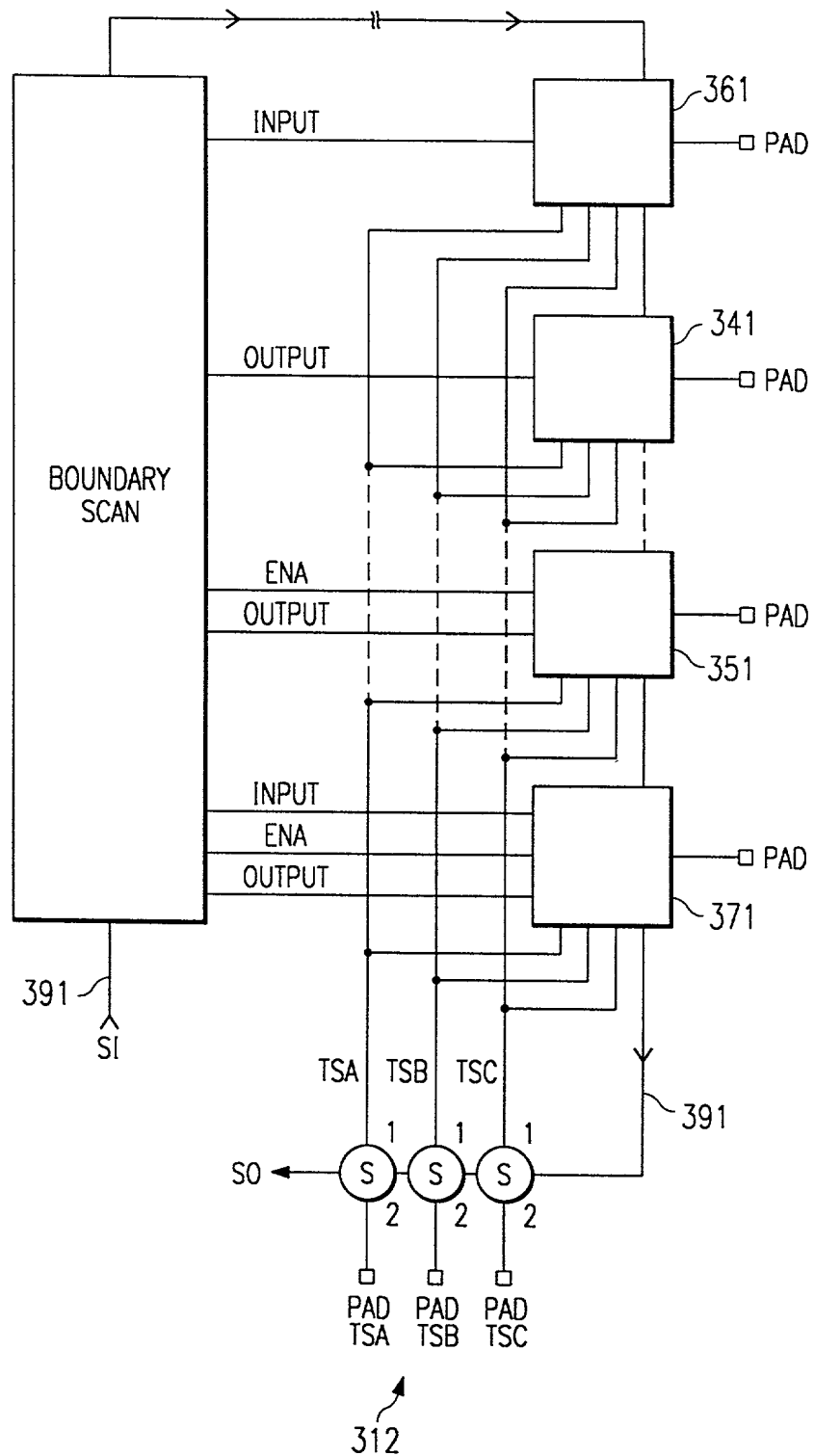


FIG. 39C
(PRIOR ART)

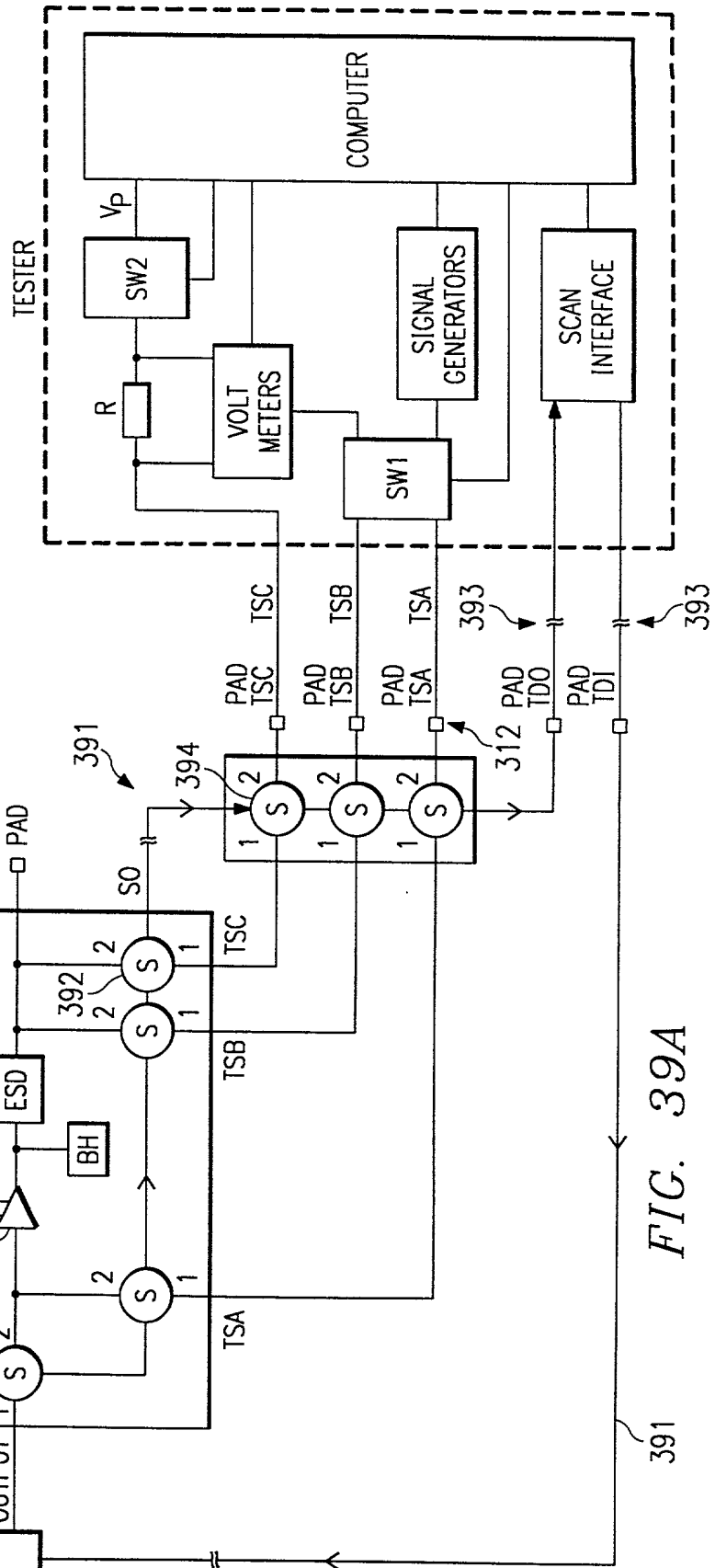


FIG. 39A

FIG. 40B
(PRIOR ART)

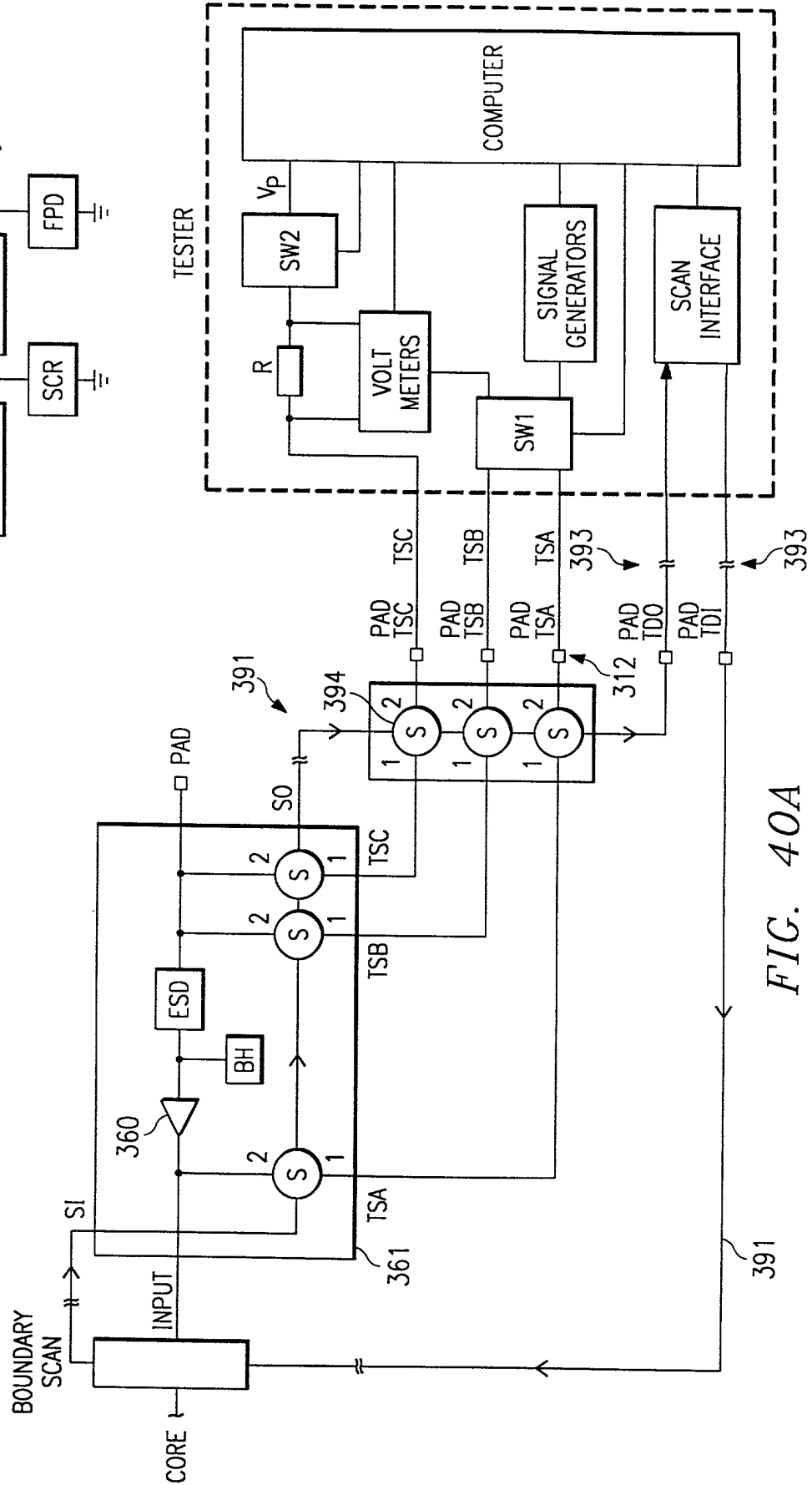
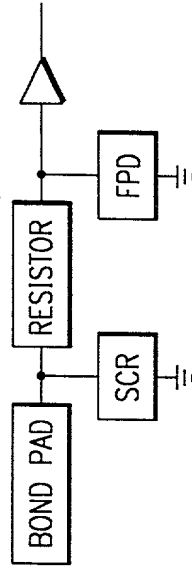


FIG. 40A

FIG. 41

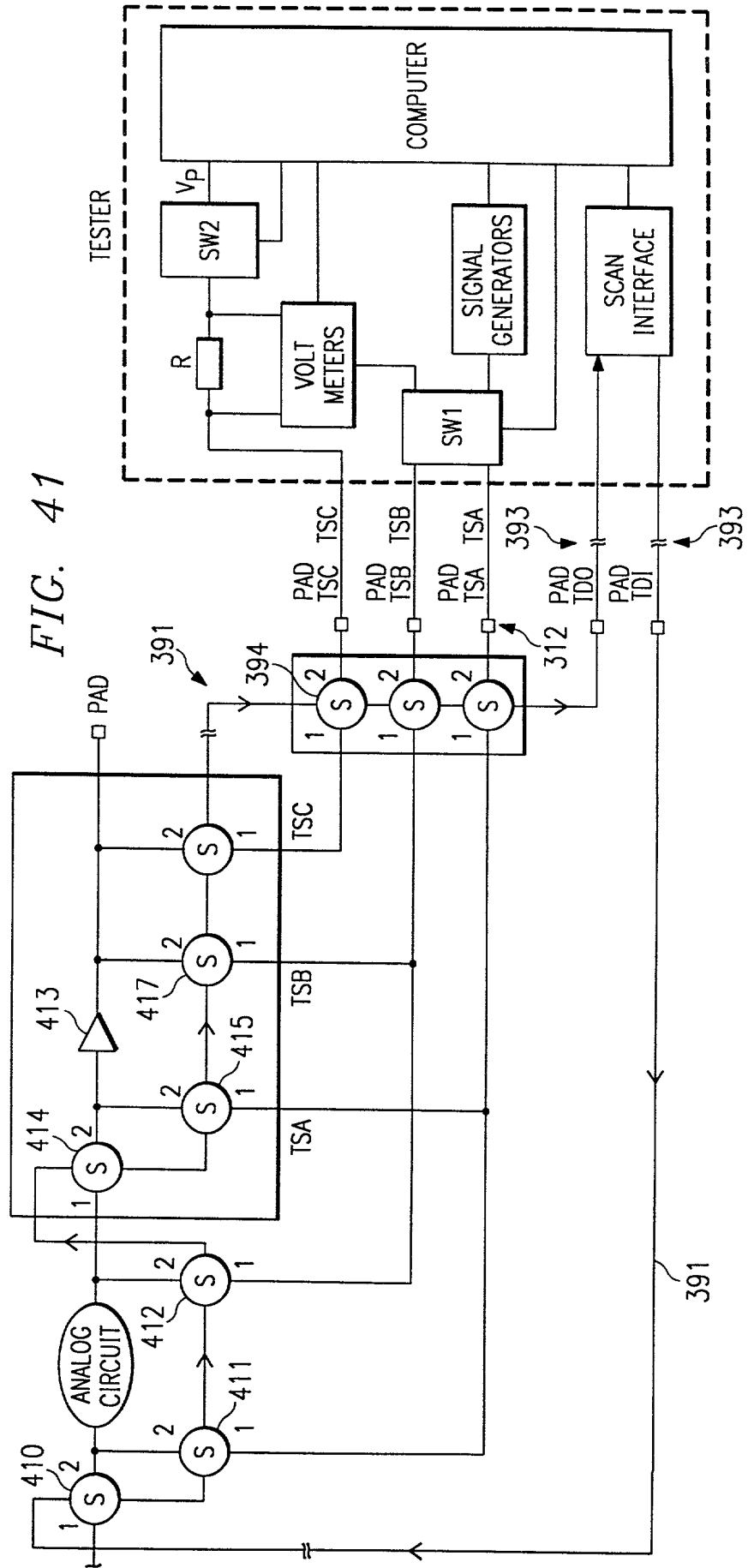


FIG. 42

